



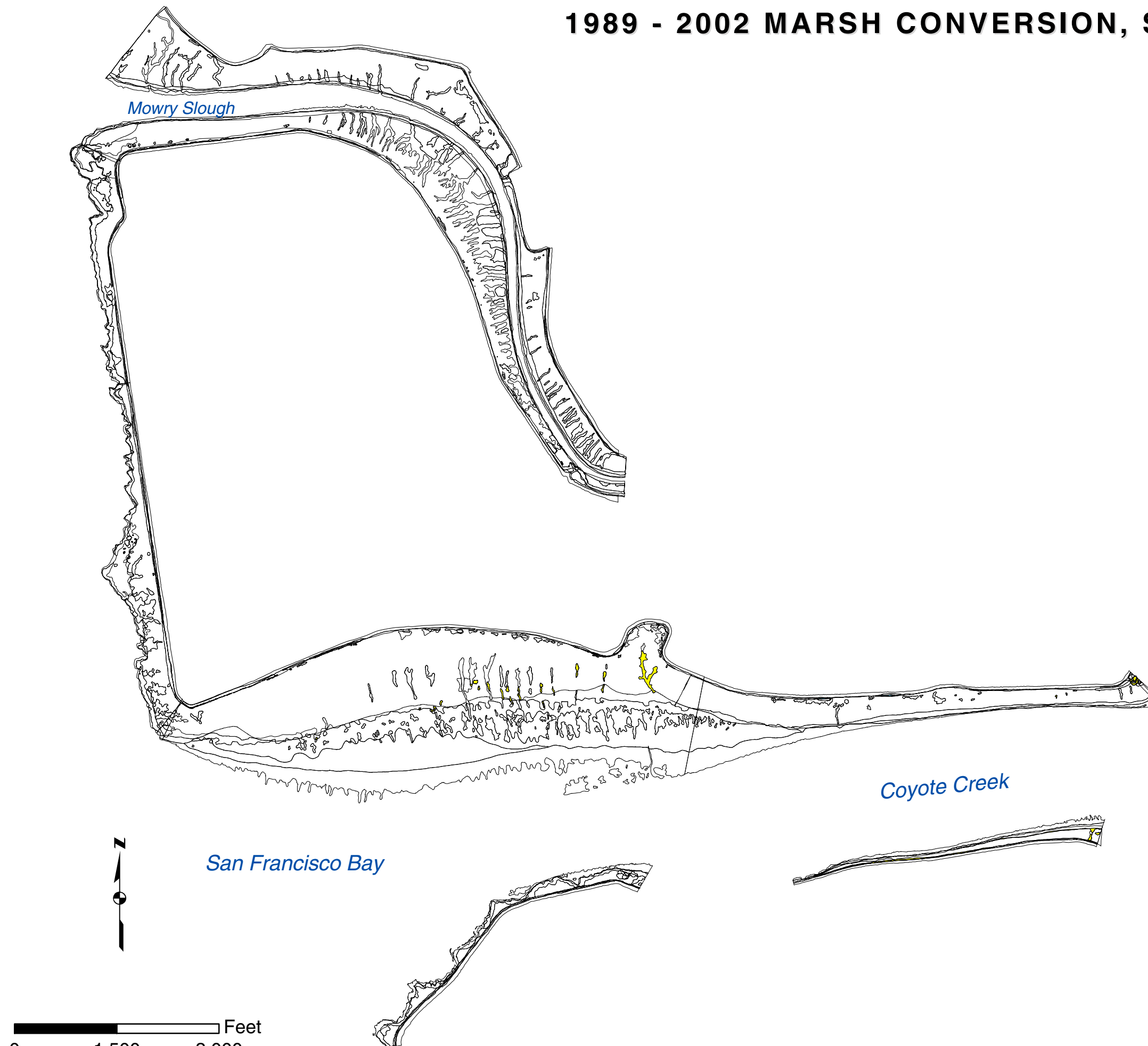
**APPENDIX C.**  
**1989/2002 SPATIAL ANALYSIS MAPS**

# 1989 - 2002 MARSH CONVERSION, SOUTH SAN FRANCISCO BAY

## LOWER REACH SEGMENTS HABITATS

SEGMENTS 1, 2, 3, 4, 8, 22 and 23

-  Salt Marsh Converted to Brackish Marsh
-  Brackish Marsh Converted to Salt Marsh



**H.T. HARVEY & ASSOCIATES**  
**ECOLOGICAL CONSULTANTS**

1989 - 2002 Marsh Conversion By Reach

File No. 477-22



Date 11/8/02

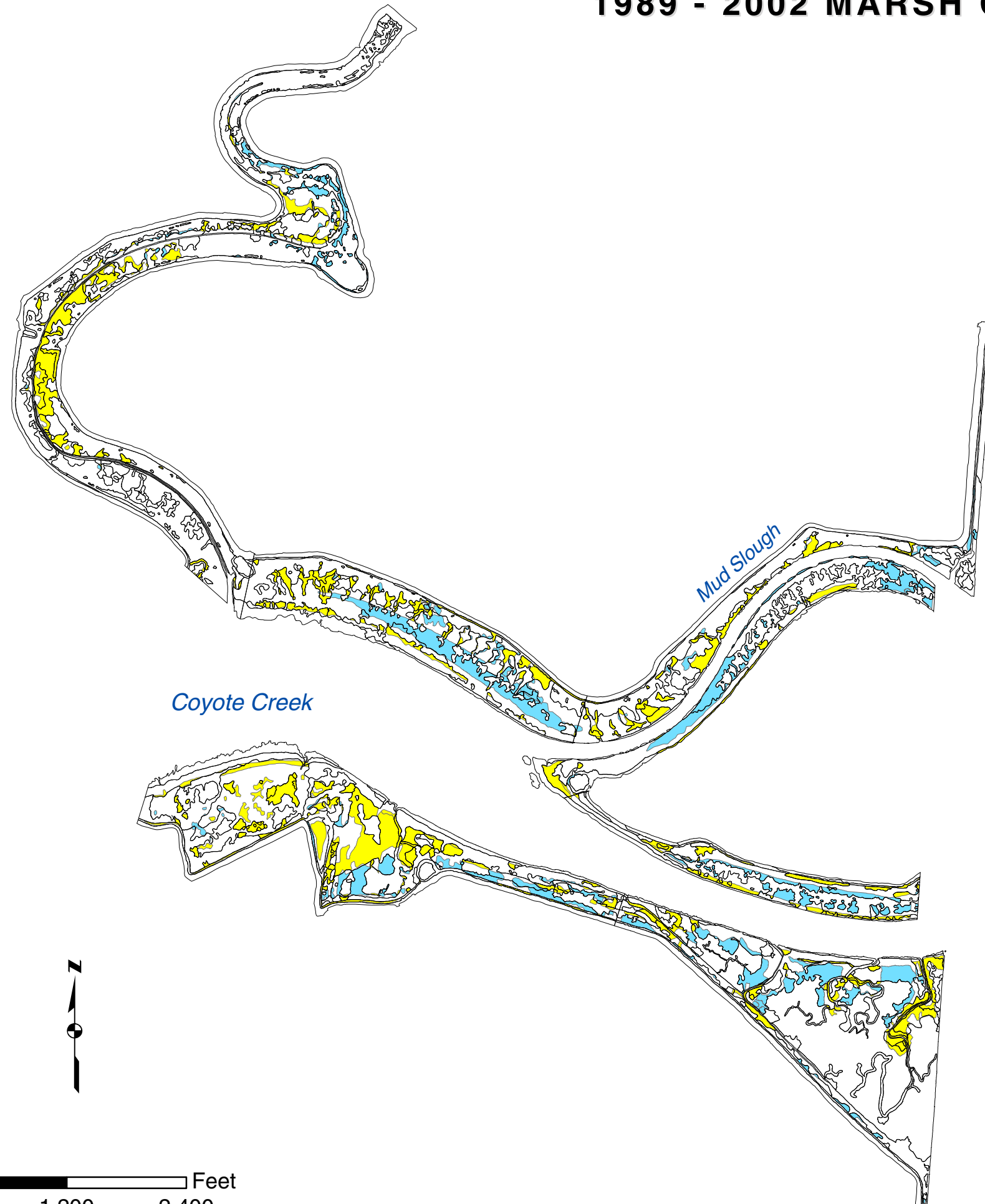
Figure C1

# 1989 - 2002 MARSH CONVERSION, SOUTH SAN FRANCISCO BAY

## TRANSITION SEGMENTS HABITATS SPECIES

SEGMENTS 5, 9, 10, 11, 14 and 20

-  Salt Marsh Converted to Brackish Marsh
-  Brackish Marsh Converted to Salt Marsh



1989 - 2002 Marsh Conversion By Reach

File No. 477-22

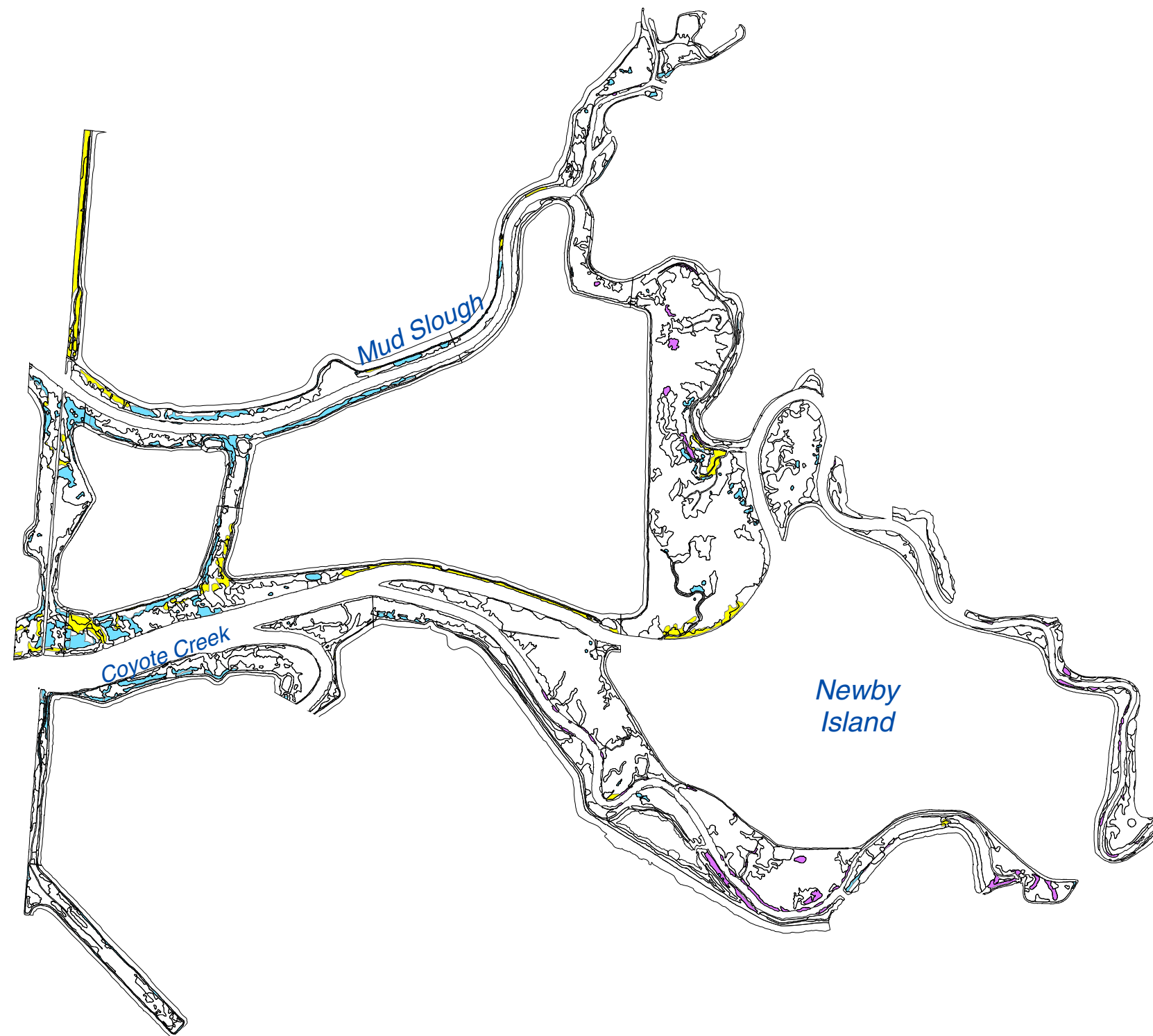
Date 11/8/02

Figure C2

# 1989 - 2002 MARSH CONVERSION, SOUTH SAN FRANCISCO BAY

## UPPER REACH SEGMENTS DOMINANT HABITATS

SEGMENTS 12, 13, 15, 16, 17, 18, 19 and 21



- Salt Marsh Converted to Brackish Marsh
- Brackish Marsh Converted to Salt Marsh
- Brackish Marsh Converted to Fresh Marsh



0 1,500 3,000 Feet



**H.T. HARVEY & ASSOCIATES**  
**ECOLOGICAL CONSULTANTS**

1989 - 2002 Marsh Conversion By Reach

File No. 477-22






Date 11/8/02

Figure C3

# 1989 - 2002 MARSH CONVERSION, SOUTH SAN FRANCISCO BAY

## ALVISO SLOUGH SEGMENTS HABITATS

SEGMENTS 28, 29 and 30

-  Salt Marsh Converted to Brackish Marsh
-  Brackish Marsh Converted to Salt Marsh
-  Saline Marsh Converted to Fresh Marsh
-  Brackish Marsh Converted to Fresh Marsh
-  Fresh Marsh Converted to Brackish Marsh



0 1,500 3,000 Feet



**H.T. HARVEY & ASSOCIATES**  
**ECOLOGICAL CONSULTANTS**

1989 - 2002 Marsh Conversion By Reach

File No. 477-22

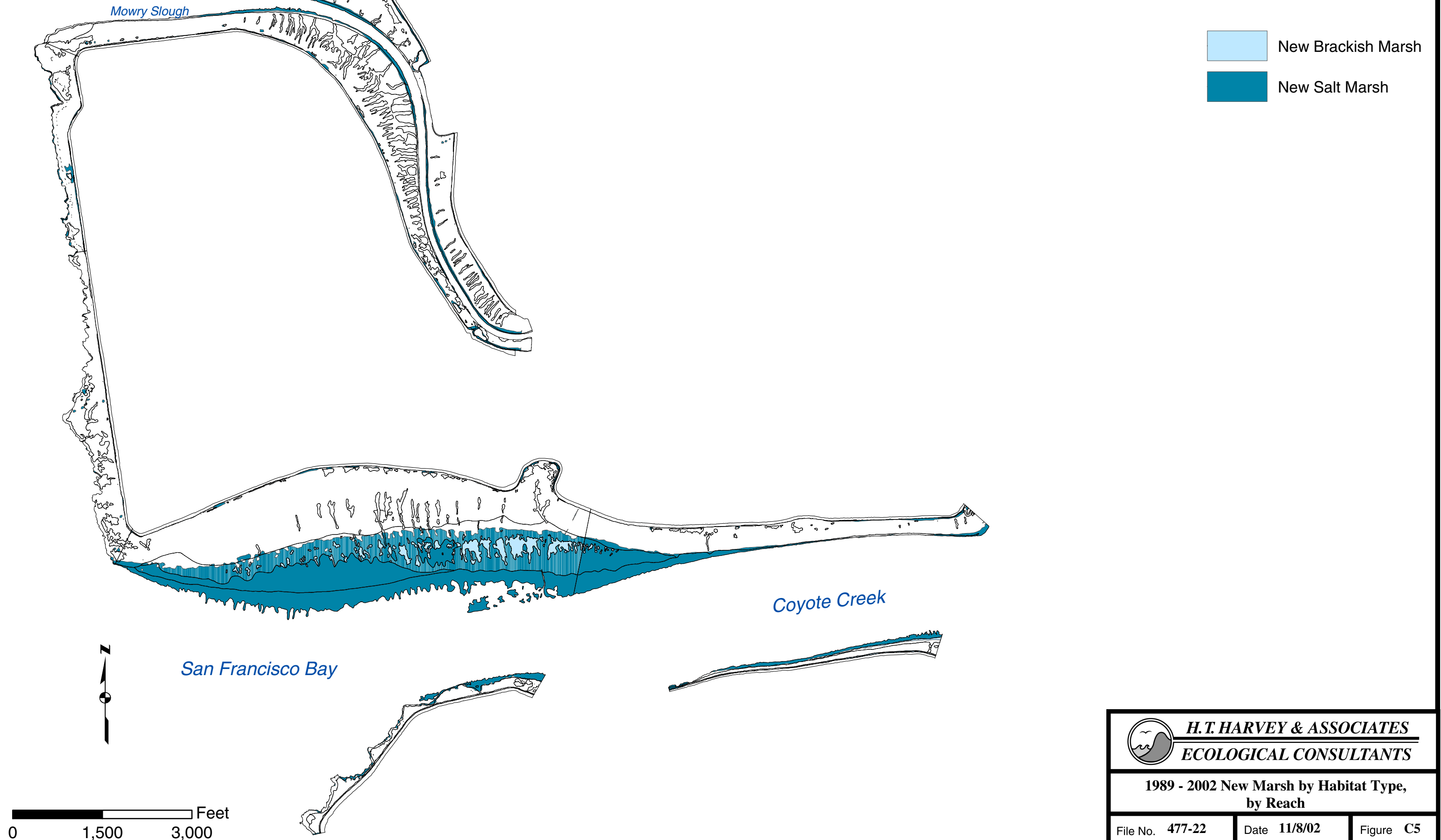
Date 11/8/02

Figure C4

# 1989 - 2002 NEW MARSH FORMATION BY HABITAT TYPES, SOUTH SAN FRANCISCO BAY

## LOWER REACH SEGMENTS HABITATS

SEGMENTS 1, 2, 3, 4, 8, 22 and 23





1989 - 2002 NEW MARSH FORMATION BY HABITAT TYPES, SOUTH SAN FRANCISCO BAY

TRANSITION SEGMENTS HABITATS SPECIES

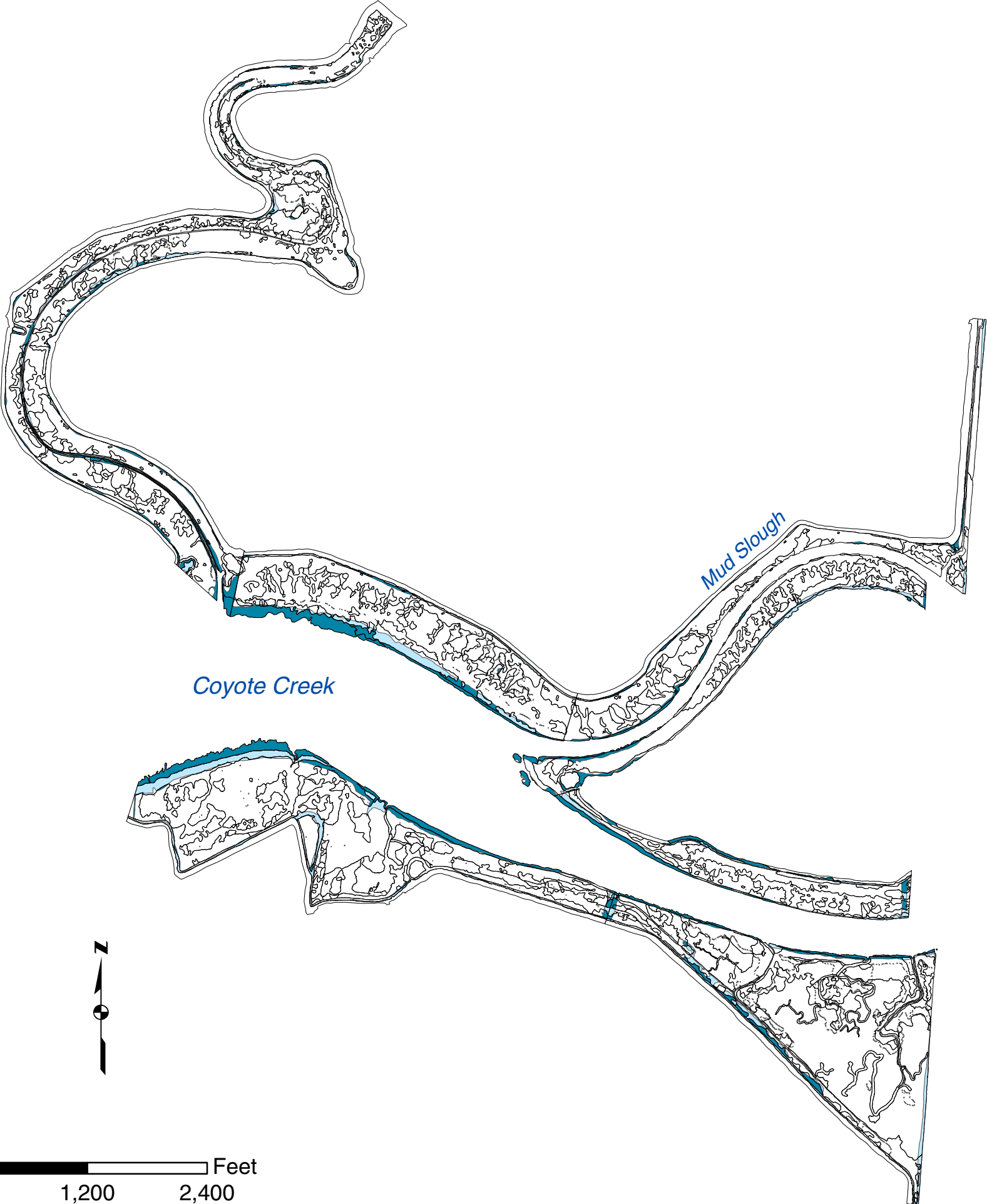
SEGMENTS 5, 9, 10, 11, 14 and 20



New Brackish Marsh



New Saline Marsh



**H.T. HARVEY & ASSOCIATES**  
**ECOLOGICAL CONSULTANTS**

1989 - 2002 New Marsh by Habitat Type,  
by Reach

File No. 477-22




Date 11/8/02

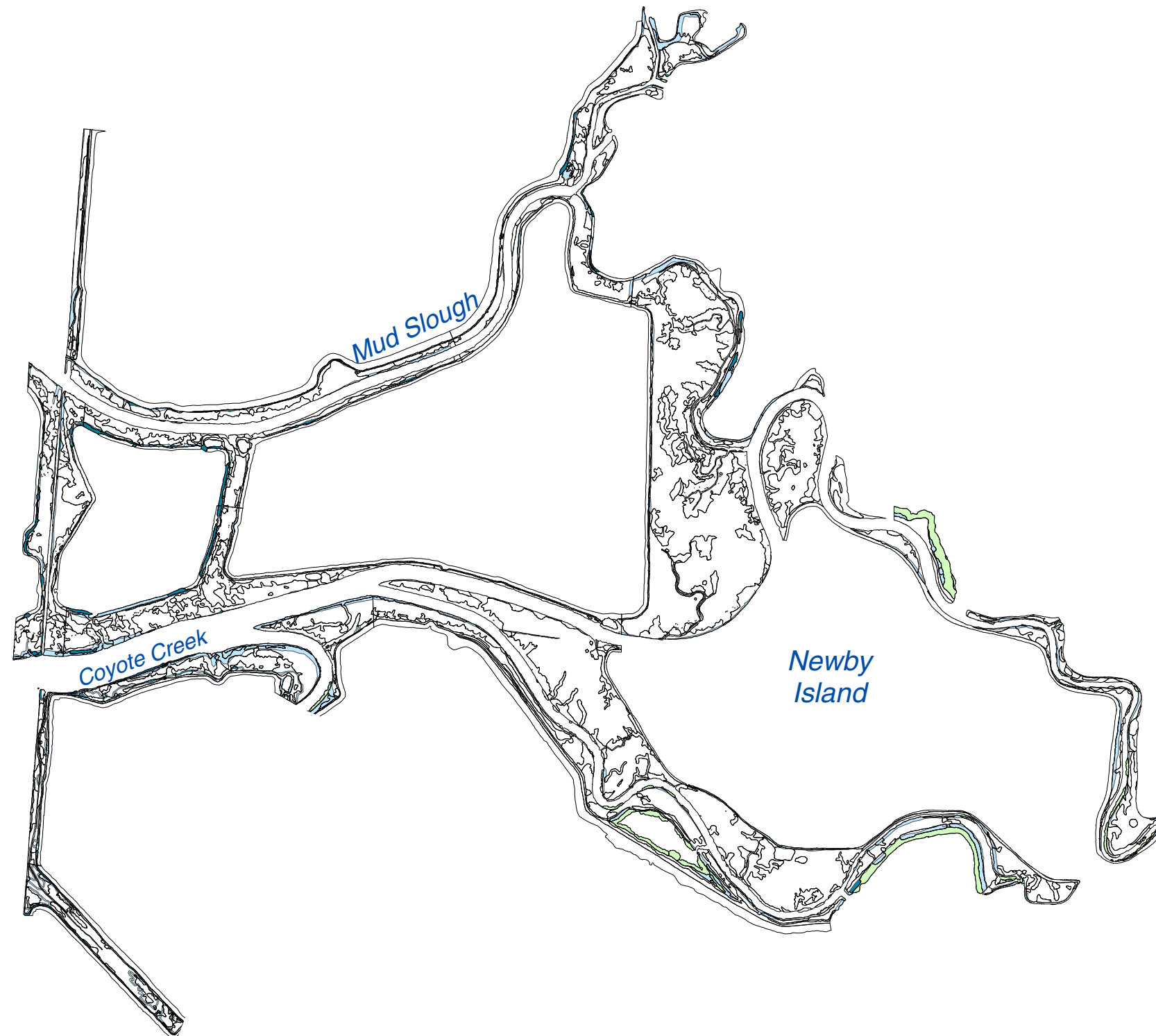
Figure C6

# 1989 - 2002 NEW MARSH FORMATION BY HABITAT TYPES, SOUTH SAN FRANCISCO BAY

UPPER REACH SEGMENTS HABITATS SPECIES

SEGMENTS 12, 13, 15, 16, 17, 18, 19 and 21

-  New Fresh Marsh
-  New Brackish Marsh
-  New Salt Marsh



0 1,500 3,000 Feet



**H.T. HARVEY & ASSOCIATES**  
**ECOLOGICAL CONSULTANTS**

**1989 - 2002 New Marsh by Habitat Type,  
by Reach**

File No. 477-22

Date 11/8/02

Figure C7

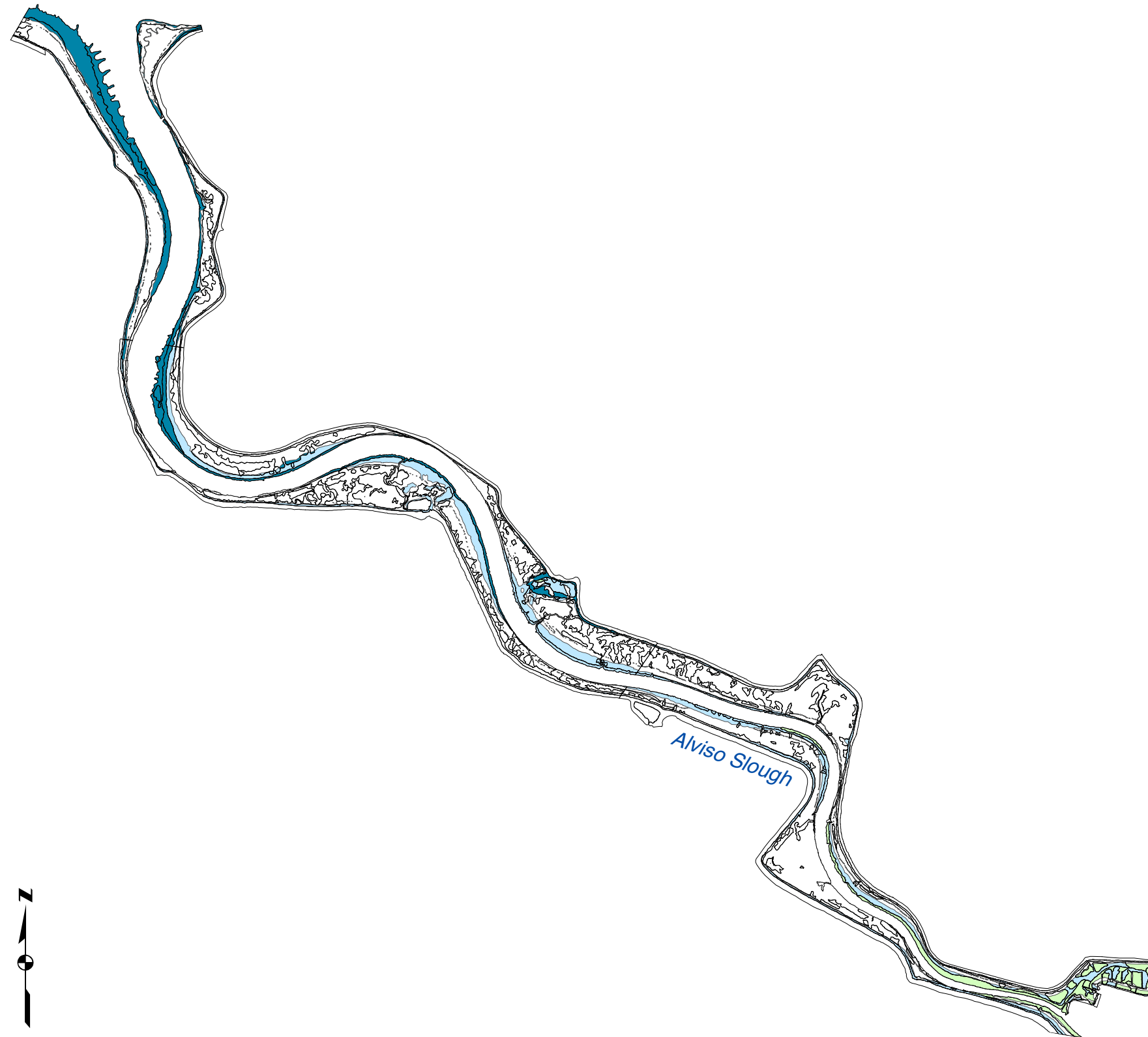


# 1989 - 2002 NEW MARSH FORMATION BY HABITAT TYPES, SOUTH SAN FRANCISCO BAY

## ALVISO SLOUGH SEGMENTS HABITATS

SEGMENTS 28, 29 and 30

- New Fresh Marsh
- New Brackish Marsh
- New Salt Marsh



**H.T. HARVEY & ASSOCIATES**  
**ECOLOGICAL CONSULTANTS**

**1989 - 2002 New Marsh by Habitat Type,  
by Reach**

File No. 477-22

Date 11/8/02

Figure C8